

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An optical fiber drawing apparatus, comprising:

a heating furnace adapted to melt an optical fiber mother material and to draw an optical fiber;

an optical fiber standard value controller unit adapted to control standard values of the optical fiber drawn;

a roller arrangement to adjust a curvature of said optical fiber by an adjusted curvature radius, said roller arrangement comprising:

a fixing roller immediately following the optical fiber standard value controller unit and adapted to change a drawing direction of the optical fiber by a curvature radius which is less than the adjusted curvature radius ~~an angular amount substantially less than 90°;~~

at least ~~one or more~~ two moving rollers immediately following the fixing roller and on a same side of said optical fiber as said fixing roller, said at least ~~one or more~~ two moving rollers having ~~being movable so that~~ axial centers which are movable ~~thereof are adapted to move~~ to different positions on a drawing surface for gradually adjusting ~~a~~ the adjusted curvature

radius of the optical fiber which has a changed drawing direction in order to release bending stress and stress concentration in the optical fiber and thereby decrease a possibility of breakage of the optical fiber; and

a winding apparatus adapted to wind the optical fiber which has an adjusted curvature radius.

2. (Currently Amended) The apparatus of claim 1, wherein there is provided a bracket connected to said at least ~~one or more~~ two moving rollers, respectively, in order for said at least two ~~one or more~~ moving rollers to move along a drawing surface of the optical fiber.

3. (Currently Amended) The apparatus of claim 2, wherein said bracket comprises a vertical direction guide formed by a groove extending in a vertical direction and in which a shaft of said at least two ~~one or more~~ moving rollers is embedded, in order for said at least two ~~one or more~~ moving rollers to reciprocate in said vertical direction.

4. (Original) The apparatus of claim 3, wherein a pivot joint is installed in one side of the bracket, and the bracket rotates about the pivot joint.

5. (Currently Amended) The apparatus of claim 2, further comprising a spin apparatus capable of impressing a spin to the optical fiber by reciprocating the bracket in a transverse direction with respect to a drawing plane of the optical fiber, said apparatus being connected with a bracket connected to one among said at least two ~~one or more~~ moving rollers.

6. (Previously Presented) The apparatus of claim 5, wherein said spin apparatus adapted to impress a spin to the optical fiber includes a link connected CAM.

7-9. (Canceled)